

ABSTRACT OF THE DISCLOSURE

An image capturing apparatus for obtaining information regarding a depth of a subject includes: an illumination unit
5 operable to cast a first illumination light beam that mainly contains a first wavelength and has a first intensity distribution on a plane perpendicular to an optical axis of the first illumination light beam and a second illumination light beam mainly containing a second wavelength and a third wavelength and having a second
10 intensity distribution on a plane perpendicular to an optical axis of the second illumination light beam onto the subject, the second and third wavelengths being different from the first wavelength, the second intensity distribution being different from the first intensity distribution; and a depth calculation unit operable to
15 calculate a depth-direction distance to the subject based on outgoing light beams from the subject.